

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of:

WARREN M. FARNWORTH  
ALAN G. WOOD  
TRUNG TRI DOAN

Serial No.:

ART UNIT:

Division of Serial No. 10/094,161  
filed on 3/6/2002

EXAMINER:

Filing Date: 11/21/2003

Title: METHOD FOR FABRICATING ENCAPSULATED  
SEMICONDUCTOR COMPONENTS HAVING  
CONDUCTIVE VIAS (AS AMENDED)

Attorney Docket No.: 01-1059.2

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**INFORMATION DISCLOSURE STATEMENT  
November 21, 2003**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following sections are being submitted for this Information  
Disclosure Statement:

1.      x          Preliminary Statements
2.      x          FORM PTO SB/08
3.                  Statement As to Information Material to  
                         Examination Not Found in Patents or Publications.
4.      x          Identification of Prior Application in Which Listed  
                         Information Was Already Cited and For Which No Copies  
                         are Submitted Or Need be Submitted.
5.                  Cumulative Patents or Publications.
6.                  Copies of Listed Information Items Accompanying  
                         This Statement.

7. \_\_\_\_\_ Concise Explanation of Non-English Language Listed Information Items.
8. \_\_\_\_\_ Translation(s) of Non-English Language Documents.
9.   x   Identification of Person(s) Making This Information Disclosure Statement.

### **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has made (37 C.F.R. 1.56 (g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

### **Section 2. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT**

The person making this statement is

(a) \_\_\_\_\_ the inventor(s) who signs below

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
Name of Inventor

(b)   x   the attorney who signs below on the basis of:

\_\_\_\_\_ the information supplied by the inventor(s)

\_\_\_\_\_ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))

  x   the information in the attorney's file.

### **Section 3. Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies are Submitted or Needed Be Submitted.**

This application relies, under 35 U.S.C. 120, on the earlier filing date of application serial no. 10/094,161 filed March 6, 2002.

The attached list of references were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in this application.

DATED this 21st day of November, 2003.

Respectfully submitted:

  
\_\_\_\_\_  
Stephen A. Gratton  
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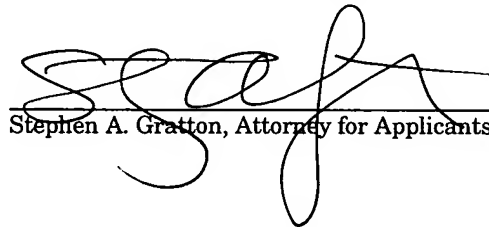
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450.

November 21, 2003  
Date of Signature

  
\_\_\_\_\_  
Stephen A. Gratton, Attorney for Applicants

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)**Complete if Known**Sheet **1** of **3**

Application Number	
Filing Date	11/21/2003
First Named Inventor	WARREN M. FARNWORTH
Art Unit	
Examiner Name	
Attorney Docket Number	01-1059.2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 5,138,434	08/11/1992	Wood et al.	
	B	US- 5,686,317	11/11/1997	Akram et al.	
	C	US- 5,851,911	12/22/1998	Farnworth	
	D	US- 5,863,813	01/26/1999	Dando	
	E	US- 5,888,883	03/30/1999	Sasaki et al.	
	F	US- 5,897,337	04/27/1999	Kata et al.	
	G	US- 5,904,546	08/18/1999	Wood et al.	
	H	US- 6,013,948	01/11/2000	Akram et al.	
	I	US- 6,051,875	04/18/2000	Dando	
	J	US- 6,060,373	05/09/2000	Saitoh	
	K	US- 6,074,896	06/13/2000	Dando	
	L	US- 6,080,602	06/27/2000	Tani et al.	
	M	US- 6,087,845	07/11/2000	Wood et al.	
	N	US- 6,107,109	08/22/2000	Akram et al.	
	O	US- 6,114,240	09/05/2000	Akram et al.	
	P	US- 6,130,111	10/10/2000	Ikuina et al.	
	Q	US- 6,136,137	10/24/2000	Farnworth et al.	
	R	US- 6,150,717	11/21/2000	Wood et al.	
	S	US- 6,153,448	11/28/2000	Takahashi et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Complete if Known**Sheet **2** of **3**

Application Number	
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First Named Inventor	WARREN M. FARNWORTH
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		Number-Kind Code <sup>2</sup> (if known)			
	T	US- 6,169,329 B1	01/02/2001	Farnworth et al.	
	U	US- 6,177,295 B1	01/23/2001	De Samber et al.	
	V	US- 6,180,504 B1	01/30/2001	Farnworth	
	W	US- 6,221,751 B1	04/24/2001	Chen et al.	
	X	US- 6,233,185 B1	05/15/2001	Beffa et al.	
	Y	US- 6,281,131 B1	08/28/2001	Gilton et al.	
	Z	US- 6,294,837 B1	09/25/2001	Akram et al.	
	AA	US- 6,313,531 B1	11/06/2001	Geusic et al.	
	AB	US- 6,326,698 B1	12/04/2001	Akram	
	AC	US- 6,338,980 B1	01/15/2002	Satoh	
	AD	US- 09/259,142		Farnworth et al.	
	AE	US- 09/652,340		Farnworth et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AF	JP 2000-31185	01/28/2000			
	AG	JP 10-79362	03/24/1998			

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		Filing Date	11/21/2003
		First Named Inventor	WARREN M. FARNWORTH
		Art Unit	
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	01-1059.2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AH	"Advanced Coating Parylene Conformal Coating Specialists, advertising material, pgs 1-7, 1998.	
	AI	Dexter Electronic Materials, Hysol FP4451 Material Properties, spec sheet, pgs 1-2, 8/20/1999.	
	AJ	Dexter Electronic Materials, Hysol FP4450 Material Properties, spec sheet, pgs 1-2, 8/20/1999.	
	AK	Parylene Coating, advertising for Specialty Coating Systems, pgs 1-2, date unknown.	
	AL	"Wafer size CSP Packagaing by VPES", Japan Rec Co., Ltd., advertising materials, pgs 1-4, 1998.	
	AM	DAVID FRANCIS & LINDA JARDINE, "Thin, Wafer-Level Package Is Made Without Damaging Die", Chip Scale Review, May/June 2002, pg. 70.	
	AN	JEFFREY C. DEMMIN, "More Wafer Thinning at ICAPS", media news analysis, March 13, 2002.	

Examiner Signature		Date Considered	
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